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10. (Amended) [The] A method of [claim 1,] visually quantifying an amount of an analyte in a sample, wherein the analyte is a member of a specific binding pair (sbp member), comprising:

providing a lateral flow matrix which defines a flow path and which comprises in series, a sample receiving zone, a labeling zone, and one or more serially oriented capture zones, wherein the labeling zone comprises a diffusively bound labeled first sbp member that is complementary to or analogous to the analyte, and each of the one or more capture zones comprises at least a second sbp member immobilized in the capture zone, the second sbp member being complementary to the analyte;

contacting the sample with the sample receiving zone, whereby the sample flows along the flow path;

observing a pattern of label that accumulates at the one or more capture zones; and

correlating a pattern of label accumulated in the one or more capture zones to the amount of analyte in the sample;

wherein the second sbp member is an antibody against a complex formed between the analyte and the first sbp member.

15. (Amended) [The] A method of [claim 1,] visually quantifying an amount of an analyte in a sample, wherein the analyte is a member of a specific binding pair (sbp member), comprising:

providing a lateral flow matrix which defines a flow path and which comprises in series, a sample receiving zone, a labeling zone, and one or more serially oriented capture zones, wherein the labeling zone comprises a diffusively bound labeled first sbp member that is complementary to or analogous to the analyte, and each of the one or more capture zones comprises at least a second sbp member immobilized in the capture zone, the second sbp member being complementary to the analyte;

contacting the sample with the sample receiving zone, whereby the sample flows along the flow path;

observing a pattern of label that accumulates at the one or more capture zones;

<u>and</u>

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correlating a pattern of label accumulated in the one or more capture zones to the amount of analyte in the sample;

wherein the sample receiving zone comprises an amount of a third sbp member immobilized within the sample receiving zone and complementary to the analyte, the amount being sufficient to bind a threshold level of the analyte.

(Amended) [The] A method of [claim 18,] determining an amount of an analyte in a sample, wherein the analyte is a member of a specific binding pair (sbp member), comprising:

providing a lateral flow matrix which defines a flow path and which comprises in series, a sample receiving zone, a labeling zone, and one or more serially oriented capture zones, wherein the labeling zone comprises a diffusively bound labeled first sbp member that is complementary to the analyte, and each of the one or more capture zones comprises at least a second sbp member immobilized in the capture zone, the second sbp member being analogous to the analyte;

contacting the sample with the sample receiving zone, whereby the sample flows along the flow path;

observing a pattern of labeled first sbp member that accumulates at the one or more capture zones; and

correlating a pattern of label accumulated in the one or more capture zones to the amount of analyte in the sample;

wherein the labeled first sbp member includes a visually detectable label:

wherein the sample receiving zone comprises an amount of a third sbp member immobilized within the sample receiving zone and complementary to the analyte, the amount being sufficient to bind a threshold level of the analyte.

In claim 53, lines 9-10, after the words "complementary to", delete the words "or analogous to".

In claims 56-57, change the claim dependencies from "claim 55" to -claim 53--.

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In claim 58, change the dependency from "claim 59" to --claim 57--.

In claims 59-61, change the dependencies from "claim 55" to --claim 53--.

(Amended) [The] A device [of claim 55.] for determining an amount of an analyte in a sample, wherein the analyte is a member of a specific binding pair (sbp member), comprising a lateral flow matrix which defines a flow path and which comprises in

a sample receiving zone;

a labeling zone; and

one or more serially oriented capture zones;

wherein the labeling zone comprises a diffusively bound labeled first sbp member that is complementary to or analogous to the analyte, and each of the one or more capture zones comprises at least a second sbp member immobilized in the capture zone, the second sbp member being complementary to the analyte:

wherein the second sbp member is an antibody against a complex formed between the analyte and the first sbp member.

In claim 63, change the dependencies from "claim 55" to --claim 53--.

In claim 65, change the dependency from "claim 55" to --claim 53--.

In claim 66, change the dependency from "claim 67" to --claim 65--.

In claims 67-68 and 70, change the claim dependencies from "claim 55" to -claim 53--.

69. (Amended) [The] A device [of claim 55,] for determining an amount of an analyte in a sample, wherein the analyte is a member of a specific binding pair (sbp member), comprising a lateral flow matrix which defines a flow path and which comprises in series:

> a sample receiving zone; a labeling zone; and

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one or more serially oriented capture zones;

wherein the labeling zone comprises a diffusively bound labeled first sbp member that is complementary to or analogous to the analyte, and each of the one or more capture zones comprises at least a second sbp member immobilized in the capture zone, the second sbp member being complementary to the analyte;

wherein the sample receiving zone comprises an amount of a third sbp member immobilized within the sample receiving zone and complementary to the analyte, the amount being sufficient to bind a threshold level of the analyte.

In claim 71, change the dependency from "claim 72" to --claim 70--.

In claims 73 and 74, change the claim dependencies from "claim 74" to --claim

In claim 75, change the claim dependency from "claim 76" to --claim 74--.

In claims 76-78, and 80, change the claim dependencies from "claim 74" to -- claim 72--.

79. (Amended) [The] A device [of claim 74,] for determining an amount of an analyte in a sample, wherein the analyte is a member of a specific binding pair (sbp member), the device comprising a lateral flow matrix which defines a flow path and which comprises in series:

a sample receiving zone;

a labeling zone; and

one or more serially oriented capture zones;

wherein the labeling zone comprises a diffusively bound labeled first sbp member that is complementary to the analyte, and each of the one or more capture zones comprises at least a second sbp member immobilized in the capture zone, the second sbp member being analogous to the analyte;

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wherein the sample receiving zone comprises an amount of a third sbp member immobilized within the sample receiving zone and complementary to the analyte, the amount being sufficient to bind a threshold level of the analyte.

In claim 81, change the claim dependency from "claim 82" to --claim 80--.

120. (Amended) A kit for determining an amount of an analyte in a sample, wherein the analyte is a member of a specific binding pair (sbp member), the kit comprising the device of any one of claims [55,] 53 or 74[, 84, 98 or 110], a chart for correlating an observed accumulation of label at the one or more capture zones, to a concentration of analyte in a sample applied to the sample receiving zone, and instructions for using the device.

Please add new claims 121-143 as follows:

- --121 (New). The device of claim 53, wherein the first sbp member is a ligand and the second sbp member is a receptor complementary to the ligand.--
- 122 (New). The device of claim 121 wherein the ligand is a hapten and the receptor is a complement to the hapten.
- 123 (New). A method of visually quantifying an amount of an analyte in a sample, wherein the analyte is a member of a specific binding pair (sbp member), comprising:

providing a lateral flow matrix which defines a flow path and which comprises in series, a sample receiving zone, a labeling zone, and one or more serially oriented capture zones, wherein the labeling zone comprises a diffusively bound labeled first sbp member that is analogous to the analyte, and each of the one or more capture zones comprises at least a second sbp member immobilized in the capture zone, the second sbp member being complementary to the analyte;

contacting the sample with the sample receiving zone, whereby the sample flows along the flow path;

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observing a pattern of label that accumulates at the one or more capture zones; and

correlating a pattern of label accumulated in the one or more capture zones to the amount of analyte in the sample;

wherein said first sbp member includes a visually detectable particulate or nonparticulate label, said particulate label comprising dyed latex beads, erythrocytes, liposomes, dyes sols, metallic colloids, or stained microorganisms.

- 124. (New) The method of claim 123, wherein the second sbp member is attached to particles and the particles are immobilized in the capture zones.
- 125. (New) The method of claim 123, wherein the second spb member is a ligand capable of binding the analyte.
- 126. (New) The method of claim 123, wherein the second sbp member is labelled with a ligand and is immobilized on the capture zone by a receptor for the ligand coimmobilized on the capture zone.
- 127. (New) The method of claim 123, wherein the analyte is a polyepitopic molecule and the first and second sbp members are antibodies against different epitopes of the analyte.
- 128. (New) The method of claim 126, wherein the ligand is a hapten and the receptor is a complement to the hapten.
- 129. (New) The method of claim 123, wherein the lateral flow matrix comprises a plurality of spatially separated capture zones, and the step of observing a pattern of label that accumulates at the one or more capture zones comprises determining a number of capture zones at which label accumulates.
- 130. (New) The method of claim 123, wherein the lateral flow matrix comprises a single capture zone having the second sbp member uniformly immobilized in the

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single capture zone and the step of observing a pattern of labeled first sbp member that accumulates at the one or more capture zones comprises observing a distance traversed by the label along the single capture zone.

131. (New). A device for determining an amount of an analyte in a sample, wherein the analyte is a member of a specific binding pair (sbp member), comprising a lateral flow matrix which defines a flow path and which comprises in series:

a sample receiving zone;

a labeling zone; and

one or more serially oriented capture zones;

wherein the labeling zone comprises a diffusively bound labeled first sbp member that is analogous to the analyte, and each of the one or more capture zones comprises at least a second sbp member immobilized in the capture zone, the second sbp member being complementary to the analyte;

wherein said first sbp member includes a visually detectable particulate or nonparticulate label, said particulate label comprising dyed latex beads, erythrocytes, liposomes, dyes sols, metallic colloids, or stained microorganisms.

- 132. (New) The device of claim 131, wherein the second sbp member is attached to particles and the particles are immobilized in the capture zones.
- 133. (New) The device of claim 131, wherein the second spb member is an antibody capable of binding the analyte.
- 134. (New) The device of claim 131, wherein the second sbp member is labelled with a ligand and is immobilized on the capture zone by a receptor for the ligand coimmobilized on the capture zone.

- 135. (New). The device of claim 131, wherein the second spb member is an antibody capable of binding the analyte.
- 136. (New) The device of claim 131 wherein the first sbp member is a ligand and the second sbp member is a receptor complementary to the ligand.
- 137. (New) The device of claim 138 wherein the ligand is a hapten and the receptor is a complement to the hapten.
  - 138. (New) The device of claim 131, wherein the analyte is human IgE.
- 139. (New) The device of claim 131, wherein the lateral flow matrix comprises a plurality of spatially separated capture zones.
- 140. (New) The device of claim 131, wherein the lateral flow matrix comprises a single capture zone having the second sbp member uniformly immobilized in the single capture zone.
- 141. (New) The device of claim 131, wherein the sample receiving zone comprises an amount of a third sbp member immobilized within the sample receiving zone and complementary to the analyte, the amount being sufficient to bind a threshold level of the analyte.
- 142. (New) The device of claim 131, wherein the device comprises a plurality of discrete lateral flow matrices.
- 143. (New) The device of claim 142, wherein the plurality of discrete lateral flow matrices have a common sample receiving zone, whereby a sample deposited in the sample receiving zone flows along each of the lateral flow matrices.--